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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: CHRISTOPH KLEINLOGEL Docket No.: 00-725
ET AL.

Serial No.: 09/764,031 Examiner : 1760

Filed : January 17, 2001 Art Unit : 1760

For : PROCESS FOR THE PRODUCTION OF
SINTERED CERAMIC OXIDE

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INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
United States Patent & Trademark Office
Washington, D.C. 20231

Dear Sir:

In accordance with the requirements of 37 C.F.R. 1.97 and 1.98, Applicants hereby submit the prior art documents listed hereinbelow, copies enclosed, which prior art was cited in the corresponding European Search Report.

(1) International Publication No. WO91/09430, published June 27, 1991. This references relates to solid electrolyte fuel cells and electrolytic cells and more particularly, to electrolyte compositions for use in solid electrolyte fuel cells and electrolytic cells.

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(2) SOLID STATE IONICS, Bd. 106, Nr. 3-4, February 1, 1998,
Pages 263-268 - Title: SINTERING BEHAVIORS OF CERIA AND
GADOLINIA-DOPED CERIA, By Hideaki Inaba et al. This
reference teaches that sintering behaviors of ceria powders
with large and fine particle size and gadolinia-doped ceria
powders with a fine particle size have been studied by
measuring density and grain size as a function of sintering
time.

(3) JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, Bd. 16, Nr. 9,
1996, Pages 961-973 - Title: SINTERING BEHAVIOR AND IONIC
CONDUCTIVITY OF YTTRIA-DOPED CERIA, By Jan Van Herle et al.
This reference teaches that highly sinterable yttria-doped
ceria powder was fabricated by an optimized coprecipitation
route.

(4) JOURNAL OF THE AMERICAN CERAMIC SOCIETY, Bd. 65, No. 12,
December, 1982 - Title: PROPERTIES OF THE SOLID
ELECTROLYTE GADOLINIA-DOPED CERIA PREPARED BY THERMAL
DECOMPOSITION OF MIXED CERIUM-GADOLINIUM OXALATE, By A.
Overs et al. This reference teaches that fine-grained
powder of the mixed oxide, which is an ionic conductor for

oxygen ions, was prepared by coprecipitation of the corresponding oxalates followed by calcination.

(5) JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, Bd. 15, Nr. 10, January 1, 1995 - Title: EFFECT OF SOLID SOLUTION ADDITIVES ON THE SINTERING OF ULTRA-FINE CeO₂ POWDERS, By M.N. Rahaman et al. This reference teaches that ultra-fine CeO₂ powders containing up to 20 at % of various divalent and trivalent cations were prepared by chemical precipitation under hydrothermal conditions.

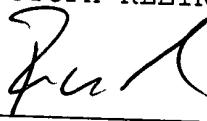
The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

If any charges are required in connection with this submission, it is requested that they be charged to Deposit Account No. 02-0184.

Respectfully submitted,

CHRISTOPH KLEINLOGEL ET AL.

By

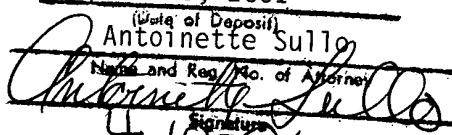
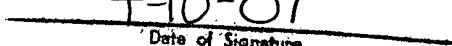

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Date: April 10, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

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